

Summary of DAT Conference Call 1/13/2009

Participants: SGreene(DWR), FCarillo(FWS), LBartoo(FWS), EGleason(DFG), GAasen(DFG), SKong(CCWD), TBoardman(DMWA), JSnow(WWD), RShahcheraghi(DWR), ADvorak(SWC), MMorrow(DWR), LKerckhoff(DWR), LKimm(KCWA) CStroble(DWR), AChu(DWR), NHindman(FWS), TWashburn(BR), BFujimura(DFG), RSitts(MWD)

Conclusions and Recommendation

The first Smelt Larval Survey was completed last week. There were not delta smelt collected, but there were 196 longfin smelt collected. One of the 2084 criteria is collection of smelt at 6 of 12 stations in the central and south Delta. During this survey, the longfin smelt were collected at 4 of the 12 stations, therefore the criteria was not met.

Salmonid catches have decreased over the last week as flows have remained the same or decreased.

No operational changes were recommended at this time.

Since Monday, 1/19/2009, is a holiday, I will distribute DAT information as it becomes available, but there will be no scheduled call.

Next DAT Conference Call Tuesday, 1/27/2009, 9:00 am - 11:00 pm. 916/657-4111.

Chinook Monitoring

Upper Sacramento River

Red Bluff Diversion Dam -

Juvenile winter run passage averaged 71/day for the past week; a little lower than last week.

Late fall Chinook passage averaged 19/day, spring run passage averaged 41/day; a little lower than last week. Fall run passage averaged 32,161/day, and steelhead passage was 13/day; a little higher than last week. Ad-clipped salmonids were caught last week from the recent release; 1,017 total actual Chinook and 259 total actual steelhead.

Red Bluff flow averaged 4,600 cfs and the water is clear.

FWS posts biweekly reports on the Bay-Delta and Tributaries Project website, at http://baydelta.ca.gov/Php/Special_Reports/red_bluff.php

Mill Creek – DFG caught 1 fry last week. The flow was low and stable, a little over 120 cfs.

Deer Creek – DFG caught 1 steelhead last week. The flow was low and stable, about 115 cfs.

Butte Creek – no report

GCID – DFG caught a couple hundred young of the year Chinook/day in the last few days, and from 1 to 5 older juveniles. The adclip catch decreased from a couple hundred/day to about 50/day.

Knights Landing – catch decreased last week. DFG caught 3 fry and 9 ad-clipped Chinook. Flow decreased gradually from about 6,000 cfs to about 5,000 cfs. The water is relatively clear.

Delta Smelt Monitoring

The first larval survey was completed last week. All 35 stations were sampled and the results are on the DFG website

http://www.delta.dfg.ca.gov/data/sls/CPUE_map.asp. No delta smelt larvae were collected. 196 longfin smelt were collected, distributed throughout the Delta. Four larval longfin smelt were caught in the central and south Delta station, 809, 815, 901, and 906. The 2084 criteria are larvae collected at 6 of the 12 stations, therefore the criteria were not met.

The first Kodiak trawl started this week. DFG will update the website daily

<http://www.delta.dfg.ca.gov/data/skt/DisplayMaps.asp>

The next larval survey will start next week.

Salvage Facilities

Chinook – Two non-clipped winter run length Chinook were salvaged at the CVP last week for a salvage of 24 and loss of 19. Total Winter Run loss this season

is 27. No Chinook have been salvaged at the SWP yet.

Steelhead – None

Delta smelt – None

Splittail – None

Longfin smelt - None

Green Sturgeon – None

The DFG Salvage Database can be accessed at this ftp site. <ftp://ftp.delta.dfg.ca.gov/salvage/>.

Salmon Studies

The second set of FWS releases are starting today, with the DCC gates closed. FWS will release fish at Sacramento today, 1/13/09, at Georgiana Slough on Thursday, 1/15/09, another at Sacramento on Friday, 1/16/09, and another at Georgiana Slough on Sunday, 1/18/09. The first set of releases was made on November with the DCC gates open.

Operations

SWP -

CCFB – 2,000 cfs

Oroville - 950 cfs

X2 - > 81 km

E/I - 36%

San Luis - ~312 taf, capacity is 1.062 taf

CVP -

Jones PP – 1,800 cfs

DCC - closed

Trinity – 300 cfs

Clear Creek – 200 cfs

Keswick – 3,250 cfs

Nimbus – 900 cfs going to 800 tomorrow

Goodwin – 175 cfs

San Luis - 273 taf. Capacity is 966 taf

Flows

Sacramento River at Freeport ~ 8,500 cfs

San Joaquin River at Vernalis ~ 1,100 cfs

Delta Outflow ~ 4,800 cfs, 7-day average 4,500 cfs

OMR 14-day average -3,199 cfs, 5-day average is -2,845 cfs

Delta Water Quality

The 3-day average turbidity at three stations (Prisoners

Point, Holland Cut, and Victoria Canal) is 5.6 NTU. The 3-day average at each station is Prisoners Point – 7.9 NTU, Holland Cut – 4.8 NTU, and Victoria Canal – 4.1 NTU.

January Quality Standards –

Delta Outflow – monthly average $\geq 4,500$ cfs, 7-day average $\geq 3,500$ cfs.

Delta Cross Channel – The gates may be closed for up to 45 days for the protection of Chinook between November 1st and January 31st.

E/I Ratio – 65%

Contra Costa Canal – CI ≤ 250 mg/L. In addition, CI ≤ 150 mg/L for 165 days per year. This portion of the standard was met in 2008 and started again January 1, 2009.

South Delta – 30-day average EC ≤ 1.0 .

Western Suisun Marsh - ≤ 15.6 mS/cm.

Final copies of the DAT notes are now available on the CALFED Operations website at <http://www.woco.water.ca.gov/calfedops/datsummaries.html>.

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